



AD-A256 388



TATSUO ITOH
TRW ENDOWED CHAIR

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October 7, 1992

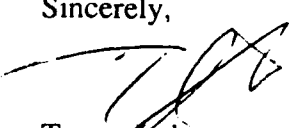
Dr. Arthur K. Jordan
Code 1114SE
Electronics Division
Department of the Navy
Office of Naval Research
800 North Quincy Street
Arlington, VA 22217-5000

DTIC
ELECTE
OCT 20 1992
S **D** **C**

Dear Dr. Jordan:

Enclosed is the Annual Report consisting of the research description and the standard publication report.

Sincerely,


Tatsuo Itoh

encl. (3 copies)

cc. Administrative Grants Officer (1 copy)
Director, NRL (1 copy)
✓ DTIC (2 copies)

October 1, 1991 - September 30, 1992

Pes AD-A241 537

92-27316 5 pgs

Scientific Personnel

T. Itoh, Principal Investigator, Professor of Electrical Engineering
T.-W. Huang, Graduate Research Assistant
Y. Liu, Graduate Research Assistant

List of Publications, Presentations and Honors

Submitted under separate cover.

**OFFICE OF NAVAL RESEARCH
PUBLICATION/PATENTS/PRESENTATION/HONORS REPORT
for
1 Oct 91 through 30 Sept 92**

R&T Number:

Contract/Grant Number:

Contract/Grant Title:

Principal Investigator:

Mailing Address:

Phone Number (with Area Code):

E-Mail Address:

- a. Number of Papers Submitted to Referred Journal but not yet published: 1
- b. Number of Papers Published in Referred Journals: 3
(list attached)
- c. Number of Books or Chapters Submitted but not yet Published: 0
- d. Number of Books or Chapters Published: 0
(list attached)
- e. Number of Printed Technical Report & Non-Referred Papers: 0
(list attached)
- f. Number of Patents Filed: 0
- g. Number of Patents Granted: 0
(list attached)
- h. Number of Invited Presentations at Workshops or Prof. Society Meetings: 9
- i. Number of Presentation at Workshop or Prof. Society Meetings: 4
- j. Honors/Awards/Prizes for Contract/Grant Employees:
(list attached, this might include Scientific Soc. Awards/Offices,
Promotions, Faculty Award/Offices etc.) 2
- k. Total number of Graduate Students and Post-Docs Supported at least 25%, this
year on this contract, grant: Grad Students 2 and Post Docs 0
- | | | | |
|--|---|------------------------|----------|
| | [| Grad Student Female | <u>0</u> |
| |] | | |
| | [| Grad Student Minority | <u>0</u> |
| |] | | |
| | [| Grad Student Asian e/n | <u>2</u> |
| |] | | |
| | [| Post-Doc Female | <u>0</u> |
| |] | | |
| | [| Post-Doc Minority | <u>0</u> |
| |] | | |
| | [| Post-Doc Asian e/n | <u>0</u> |
| |] | | |
- How many of each are females or minorities?
(These 6 numbers are for ONR's EEO/Minority
Reports; minorities include Blacks, Aleuts
Aminians, etc and those of Hispanic or
Asian extraction/nationality. This Asians
are singled out to facilitate meeting the
varying report semantics re "under-
represented")

Attachment

b.

"Propagation characteristics of coplanar-type transmission lines with lossy media," IEEE Trans. Microwave Theory and Techniques, Vol.39, No.10, pp.1694-1700, October 1991, (T. Kitazawa and T. Itoh).

"Spectral domain method with entire domain and partial domain basis functions," Asia Pacific Engineering Journal, Vol.1, No.2, pp.93-107, December 1991 (C.-W. Kuo and T. Itoh).

"Pulse propagation in superconducting coplanar striplines," IEEE Trans. Microwave Theory and Techniques, Vol.40, No.3, pp.509-514, March 1992, (O. R. Baiocchi, K.-S. Kong and T. Itoh).

j. T. Itoh was selected as IEEE Distinguished Lecturer for 1992 by IEEE Australian Council.

T. Itoh was Honorary Visiting Professor at Japan Defence Academy in December 1991.